

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	1301	(72/41,43-45). CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/17 06:33
L5	29	((disc or disk near4 roll) and (pierce or piercing) and (lubricate or lubricant or lubricating or lubrication)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/17 06:33
L6	1	(10/600128).APP.	USPAT; USOCR	OR	OFF	2009/12/17 06:33
L7	5	("2910056" "2913911" "4155683").PN. OR ("7004358"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/17 06:33
L8	795	((disc or disk near4 roll) and (lubricate or lubricant or lubricating or lubrication)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/17 06:33
L9	2	L4 and L8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/17 06:33
L10	0	L4 and L5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/17 06:33
L11	624768	lubricate or lubricant or lubricating or lubrication	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/17 06:33

L12	11841	(disc or disk) near4 roll	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/17 06:33
L13	795	L11 and L12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/17 06:33
L14	127328	"72".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/17 06:33
L15	41	L13 and L14	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/17 06:33
L16	0	(12/274432).APP.	USPAT; USOCR	OR	OFF	2009/12/17 06:33
L17	4	((disc or disk) near3 rolls) near5 (lubricate or lubricating or lubrication or lubricant)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/17 06:33
L18	4	((disc or disk) near3 rolls) near5 (lubricate or lubricating or lubrication or lubricant)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/17 06:33
L19	31	((disc or disk) near3 roll) near5 (lubricate or lubricating or lubrication or lubricant)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/17 06:33
L20	3	spray and L19	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/17 06:33
L21	1	L19 and (plumbing or piping)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/17 06:33

L22	2	L19 and storage	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/17 06:33
L23	2	L19 and tank	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/17 06:33
L24	9	("3724259").PN. OR ("3823599"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/17 06:33
L25	0	(pressure near4 (adjust or adjusting)) and L19	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/17 06:33
L26	7	pressure and L19	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/17 06:33
L27	2	(piercing near2 mill) and ((disc or disk) near3 rolls near5 (lubricate or lubricating or lubrication or lubricant))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/17 06:33
L28	10	(piercing near2 mill) and ((disc or disk) near3 rolls) and (lubricate or lubricating or lubrication or lubricant))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/17 06:33
L29	4	L19 and solid	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/17 06:33
L30	1	(cleaner or cleaning or clean) and L19	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/17 06:33

L31	1301	(72/41,43-45). OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/17 06:33
L32	133	(cleaner or cleaning or clean) and L31	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/17 06:33
L33	106	(lubricate or lubrication or lubricant) and L32	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/17 06:33
L34	0	((disc or disk) near3 roll) and L33	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/17 06:33
L35	0	(disk adj roll) and L33	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/17 06:33
L36	63	cleaning same (lubricant or lubricate or lubricating) and L31	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/17 06:33
L37	1	(12/010303).APP.	USPAT; USOCR	OR	OFF	2009/12/17 06:33
S1	1301	(72/41,43-45). OCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/14 14:13
S2	29	((disc or disk) near4 roll) and (pierce or piercing) and (lubricate or lubricant or lubricating or lubrication)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/14 14:14
S3	1	(10/600128).APP.	USPAT; USOCR	OR	OFF	2009/12/14 14:19

S4	5	("2910056" "2913911" "4155683").PN. OR ("7004358"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/14 14:19
S5	794	((disc or disk) near4 roll) and (lubricate or lubricant or lubricating or lubrication)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/14 14:33
S6	2	S1 and S5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/14 14:33
S7	0	S1 and S2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/14 14:35
S8	624318	lubricate or lubricant or lubricating or lubrication	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/14 14:38
S9	11836	(disc or disk) near4 roll	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/14 14:38
S10	794	S8 and S9	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/14 14:39
S11	127304	"72".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/14 14:40
S12	41	S10 and S11	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/14 14:40
S13	0	(12/274432).APP.	USPAT; USOCR	OR	OFF	2009/12/14 17:01

S14	4	((disc or disk near3 rolls) near5 (lubricate or lubricating or lubrication or lubricant)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/16 00:04
S15	4	((disc or disk near3 rolls) near5 (lubricate or lubricating or lubrication or lubricant)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/16 09:27
S16	31	((disc or disk near3 roll) near5 (lubricate or lubricating or lubrication or lubricant)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/16 09:50
S17	3	spray and S16	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/16 10:20
S18	1	S16 and (plumbing or piping)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/16 10:25
S19	2	S16 and storage	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/16 10:27
S20	2	S16 and tank	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/16 10:28
S21	9	("3724259").PN. OR ("3823599"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/12/16 12:23
S22	0	(pressure near4 (adjust or adjusting)) and S16	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/16 13:29

S23	7	pressure and S16	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/16 13:30
S24	2	((piercing near2 mill) and ((disc or disk) near3 rolls near5 (lubricate or lubricating or lubrication or lubricant))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/16 13:58
S25	10	((piercing near2 mill) and ((disc or disk) near3 rolls) and (lubricate or lubricating or lubrication or lubricant))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/16 13:59
S26	4	S16 and solid	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/16 14:21
S27	1	(cleaner or cleaning or clean) and S16	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/16 14:30
S28	1301	(72/41,43-45). CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/16 14:31
S29	133	(cleaner or cleaning or clean) and S28	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/16 14:31
S30	106	((lubricate or lubrication or lubricant) and S29	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/16 14:31
S31	0	((disc or disk) near3 roll) and S30	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/16 14:32

S32	0	(disk adj roll) and S30	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/16 14:32
S33	63	cleaning same (lubricant or lubricate or lubricating) and S28	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/12/16 14:34
S34	1	(12/010303).APP.	USPAT; USOCR	OR	OFF	2009/12/16 14:42

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